

Exam Questions JN0-650

Enterprise Routing and Switching - Professional (JNCIP-ENT)

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NEW QUESTION 1

Which two statements are correct about EVPN Pure Type-5 routes? (Choose two.)

- A. Pure Type-5 routes rely on Type-7 sync routes
- B. Pure Type-5 routes require an overlay next hop.
- C. Pure Type-5 routes are also known as IP-VRF-to-IP-VRF.
- D. Pure Type-5 routes are advertised with the MAC extended community.

Answer: BC

NEW QUESTION 2

You want to validate a recursive lookup for an EVPN route designation. Which route table query will accomplish this task?

- A. inet.2
- B. default-switch.evpn.0
- C. inet.3
- D. vxlan.inet.

Answer: C

NEW QUESTION 3

While deploying class of service on an EX Series switch, what are two aspects of the scheduler? (Choose two.)

- A. It defines a buffer size of the queue to which it is assigned.
- B. It defines interface rate-limiting.
- C. It provides DiffServ code translation.
- D. It identifies the priority of the queue to which it is assigned.

Answer: AD

NEW QUESTION 4

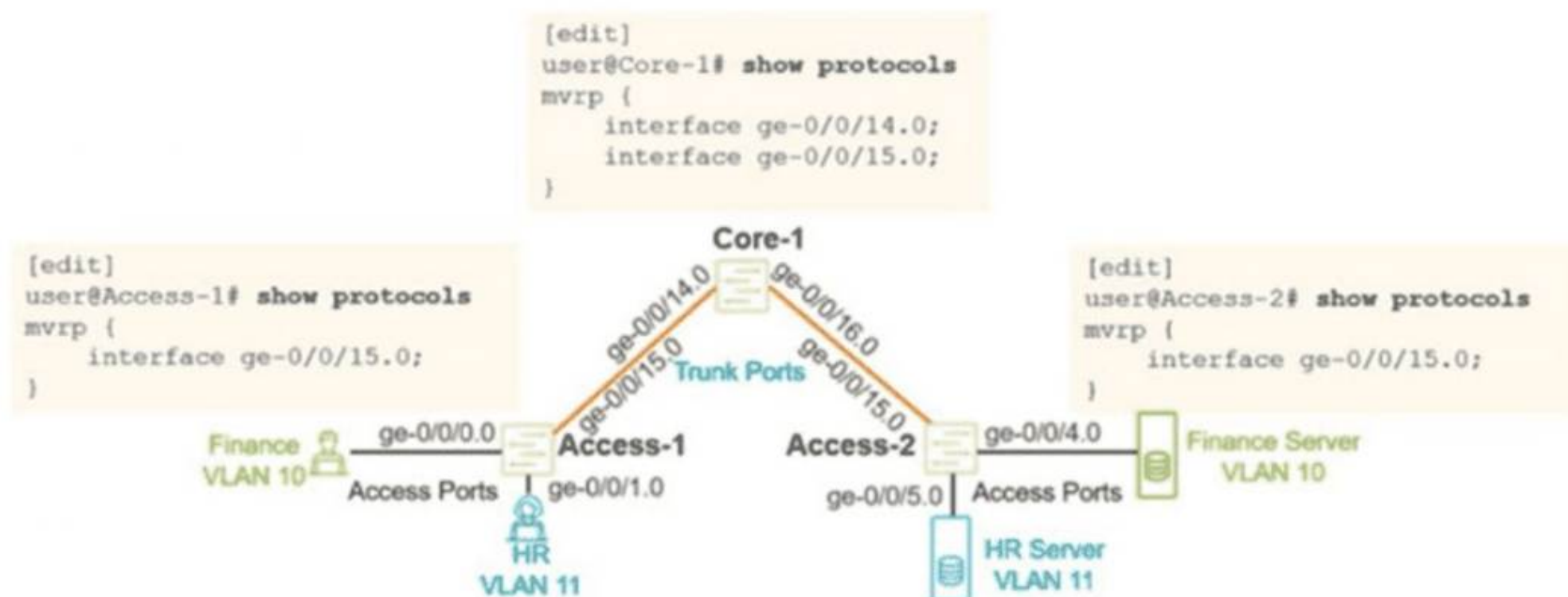
Which two statements are correct about EVPN/VXLAN deployments? (Choose two.)

- A. VNIs are used for encapsulating and de-encapsulating traffic entering and leaving the tunnels
- B. VTEPs are used for encapsulating and de-encapsulating traffic entering and leaving the tunnels.
- C. VTEPs are used to identify broadcast domains within an EVPN/VXLAN environment.
- D. VNIs are used to identify broadcast domains within an EVPN/VXLAN environment.

Answer: BD

NEW QUESTION 5

Exhibit



You configured MVRP in your Layer 2 network using the configuration shown in the exhibit. You verified that the appropriate VLANs are configured and applied on the two access switches. You are using RSTP as your loop prevention mechanism. Unfortunately, the users are not able to communicate with their corresponding server attached to the Access- 2 switch.

In this scenario, what should you do to solve this problem?

- A. Configure VSTP instead of RSTP as your loop-prevention mechanism.
- B. Configure the access interfaces on the Access-2 switch under MVRP.
- C. Configure the ge-0/0/16.0 interface on the Core-1 switch under MVRP.
- D. Configure the access interfaces on the Access-1 switch under MVRP.

Answer: C

NEW QUESTION 6

You are troubleshooting a multicast deployment in a network. Some multicast groups operate in PIM-ASM mode and others operate in PIM-SSM mode. While troubleshooting, you note the following:

- The network uses IGMPv2 for some segments and IGMPv3 for others.
- For group 232.1.1.1, receivers know the exact source IP of the multicast sender
- For group 239.10.10.10, receivers do not know the source address in advance. Which two statements correctly describe the operational differences between these two modes in Junos OS? (Choose two.)

- A. PIM-ASM supports multiple active sources for a group without requiring receivers to know them in advance, whereas PIM-SSM requires explicit source knowledge
- B. In PIM-AS
- C. the DR first sends a PIM register message to the RP before switching to the shortest-path tree.
- D. PIM-SSM requires an RP for initial joins, whereas PIM-ASM can operate without one.
- E. PIM-SSM relies on IGMPv3 to signal both the source and the group in the join message, bypassing the RP entirely.

Answer: AD

NEW QUESTION 7

You want to implement a system in your network to simplify VLAN management that can also dynamically create and prune VLANs. How would you accomplish this task?

- A. Enable GVRP on access interfaces.
- B. Enable MVRP and GVRP on all interfaces.
- C. Enable MVRP on trunk interfaces.
- D. Enable MVRP on access interfaces.

Answer: C

NEW QUESTION 8

Which three statements about VSTP are correct? (Choose three.)

- A. Separate BPDUs are Hooded for each VSTP enabled VLAN.
- B. VSTP is incompatible with RSTR
- C. VSTP is enabled by default on EX Series switches.
- D. VSTP supports up to 253 unique spanning tree topologies.
- E. A separate spanning tree instance is generated for each VLAN.

Answer: ADE

NEW QUESTION 9

Your OSPF network consists of a mix of 1GbE and 10GbE interfaces. By default, all interfaces have the same cost in your OSPF network. You are asked to ensure that the 10GbE interfaces are more preferred when available

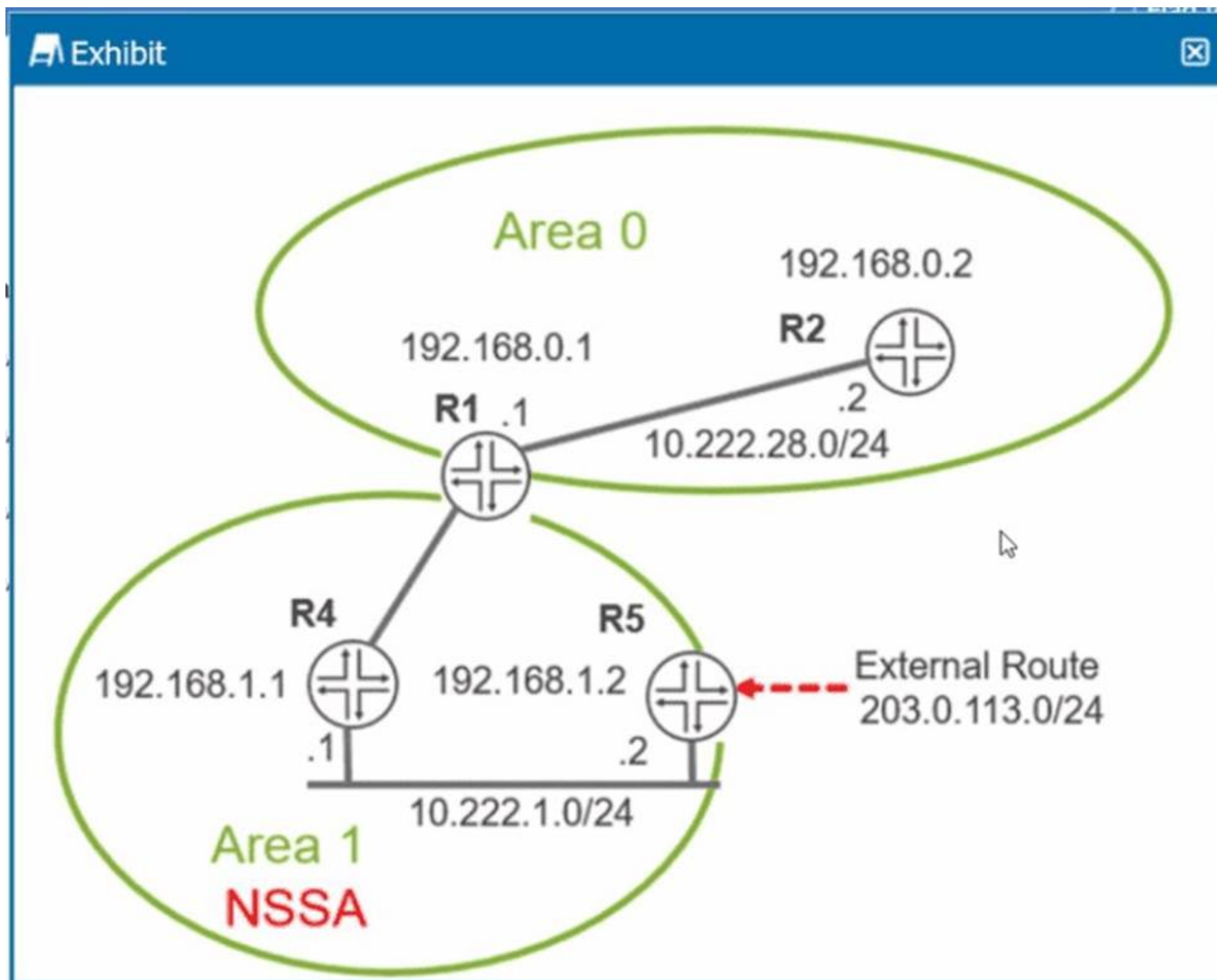
In this scenario, which two statements would accomplish this behavior? (Choose two.)

- A. You should define the reference bandwidth as 10
- B. which will assign the 1GbE interfaces a higher cost
- C. You should manually assign the interface metric for each 10GbE interface to be higher than the 1GbE interfaces in your OSPF network.
- D. You should define the reference bandwidth as 1
- E. which will assign the 1GbE interfaces a higher cost.
- F. You should manually assign the interface metric for each 1GbE interface to be higher than the 10GbE interfaces in your OSPF network.

Answer: AD

NEW QUESTION 10

Exhibit.



Referring to the exhibit, which two statements are correct? (Choose two.)

- A. R1 will advertise the 203 0.113.0/24 route as an OSPF Type 7 LSA into Area 0.
- B. R5 will advertise the 203 0.113 0/24 route as an OSPF Type 5 LSA into Area 1.
- C. R1 will advertise the 203 0.113.0/24 route as an OSPF Type 5 LSA into Area 0
- D. R5 will advertise the 203 0.113.0/24 route as an OSPF Type 7 LSA into Area 1.

Answer: CD

NEW QUESTION 10

You are asked to establish authentication for users connecting to the corporate network. You must ensure that only corporate devices that are identified by MAC addresses are allowed to authenticate and connect Authentication must be handled by a centralized database. Which authentication method would you implement in this scenario?

- A. MAC RADIUS
- B. captive portal
- C. single-secure supplicant mode
- D. single supplicant mode

Answer: A

NEW QUESTION 15

Your organization uses 802.1X with a RADIUS server. If the RADIUS server stops responding, you want the fallback action to continue to permit access for devices that currently have authorization but deny any new access attempts. Which fallback action provides this capability?

- A. deny
- B. vlan-name
- C. permit
- D. use-cache

Answer: D

NEW QUESTION 18

You are evaluating a BGP routing policy that has a route-filter clause that includes its own action (e.g., accept) within the filter block. The policy is also using a then clause.

Which statement is correct in this scenario?

- A. The policy ignores the filter action and defers to the then clause.
- B. The filter action is treated as a suggestion and combined with the then action.
- C. The filter action is applied only if no then action is defined
- D. The filter's accept action executes immediately upon matching and the then clause is ignored.

Answer: D

NEW QUESTION 20

Exhibit

Exhibit
✕

```

user@router> show interfaces ge-0/0/11 extensive | find "Cos information"
  CoS information:
    Direction : Output
    CoS transmit queue      Bandwidth      Buffer Priority  Limit
                           %          bps          %          usec
    0 best-effort           r              r          r              0      low  none
    1 expedited-forwarding 10      100000000    r              0      low  none
    2 assured-forwarding   10      100000000    r              0      low  exact
    3 network-control       4       40000000    r              0      low  exact
          
```

Referring to the exhibit, which two statements are correct? (Choose two.)

- A. The bandwidth reservation for queue 0 is 76%.
- B. During times of no network congestion, traffic that is placed in queue 2 will be dropped if more than 10% of the interface bandwidth is used
- C. The bandwidth reservation for queue 0 is 100%.
- D. During times of sustained network congestion, traffic that is placed in queue 2 will be dropped if more than 10% of the interface bandwidth is used

Answer: AB

NEW QUESTION 21

You have configured DSCP CoS in your network and have applied BA and multifield classifiers to all interfaces.

In this scenario, which statement is correct?

- A. If traffic matches both classifiers, then the multifield classifier determines into which forwarding class the traffic is assigned
- B. You must set the BA classifier to take precedence over the multifield classifier or the configuration is ignored
- C. You must set the multifield classifier to take precedence over the BA classifier or the configuration is ignored.
- D. If traffic matches both classifiers, then the BA classifier determines into which forwarding class the traffic is assigned.

Answer: A

NEW QUESTION 25

You are enabling CoS throughout your enterprise network using the DSCP bits. You plan to use an MF classifier on all edge devices while using BA classifiers on all transit core devices

In this scenario, what should you use to provide consistent handling of traffic?

- A. You should implement rewrite rules on the edge devices' egress interfaces to rewrite the DSCP bits as it leaves the device toward the core.
- B. You should implement rewrite rules on the edge devices' ingress interfaces to rewrite the DSCP bits as it enters the device.
- C. You should implement rewrite rules on the core devices' ingress interfaces to rewrite the DSCP bits as it enters the device.
- D. You should implement rewrite rules on the core devices' egress interfaces to rewrite the DSCP bits as it leaves the device toward other core devices.

Answer: A

NEW QUESTION 30

Exhibit



You want to provide better performance for the video traffic that traverses your network. The video traffic enters your network without any class-of-service markings. According to Juniper Networks, which two classification methods are performed by the routers shown in the exhibit? (Choose two.)

- A. R1 performs behavior aggregate classification.
- B. R1 performs multifield classification.
- C. R2 and R3 perform multifield classification.
- D. R2 and R3 perform behavior aggregate classification.

Answer: BD

NEW QUESTION 33

According to IETF standards, which two statements are correct about EVPN/VXLAN deployments? (Choose two.)

- A. Up to 16 million EVPN broadcast domains can exist.
- B. Up to 16 million VXLAN broadcast domains can exist.
- C. IP packets within the same broadcast domain are forwarded unchanged.
- D. Layer 2 frames within the same broadcast domain are forwarded unchanged.

Answer: BD

NEW QUESTION 34

You have two multicast receivers connected to the same VLAN. You notice that the switch that they are connected to is forwarding multicast traffic out of all the ports in the same VLAN, instead of just the two ports for the connected multicast receivers. In this scenario, what would you configure to optimize multicast forwarding?

- A. promiscuous mode
- B. spanning tree
- C. IGMP snooping
- D. IRB interface

Answer: C

NEW QUESTION 38

Exhibit

Exhibit

```
user@router> show ospf database router extensive
  OSPF database, Area 0.0.0.0
  Type      ID          Adv Rtr      Seq      Age  Opt  Cksum  Len
Router  192.168.2.1    192.168.2.1  0x8000000d  191  0x22  0x8e91  72
  bits 0x1, link count 4
  id 192.168.1.1, data 172.20.77.2, Type PointToPoint (1)
    Topology count: 0, Default metric: 1
  id 172.20.77.0, data 255.255.255.252, Type Stub (3)
    Topology count: 0, Default metric: 1
  id 172.20.66.2, data 172.20.66.2, Type Transit (2)
    Topology count: 0, Default metric: 1
  id 192.168.2.1, data 255.255.255.255, Type Stub (3)
    Topology count: 0, Default metric: 0
  Topology default (ID 0)
    Type: Transit, Node ID: 172.20.66.2
      Metric: 1, Bidirectional
    Type: PointToPoint, Node ID: 192.168.1.1
      Metric: 1, Bidirectional
  Aging timer 00:56:48
  Installed 00:03:08 ago, expires in 00:56:49, sent 00:03:06 ago
  Last changed 01:16:32 ago, Change count: 3
```

What is the OSPF router type shown in the exhibit for router 192.168.2.1?

- A. neither an ABR nor an ASBR
- B. an ASBR
- C. both an ABR and an ASBR
- D. an ABR

Answer: A

NEW QUESTION 42

Exhibit

```
user@switch> show route table default-switch.evpn.0
2:192.168.100.1:1::5010::00:00:5e:00:01:01/304 MAC/IP
2:192.168.100.1:1::5010::2c:6b:f5:4b:b9:f0/304 MAC/IP
2:192.168.100.1:1::5020::00:00:5e:00:01:01/304 MAC/IP
2:192.168.100.1:1::5020::2c:6b:f5:4b:b9:f0/304 MAC/IP
2:192.168.100.2:1::5010::00:00:5e:00:01:01/304 MAC/IP
2:192.168.100.2:1::5010::2c:6b:f5:7b:d8:f0/304 MAC/IP
2:192.168.100.2:1::5020::00:00:5e:00:01:01/304 MAC/IP
2:192.168.100.2:1::5020::2c:6b:f5:7b:d8:f0/304 MAC/IP
2:192.168.100.11:1::5010::00:0c:29:23:2c:1b/304 MAC/IP
2:192.168.100.13:1::5020::00:0c:29:93:24:6b/304 MAC/IP
2:192.168.100.1:1::5010::00:00:5e:00:01:01::10.1.1.254/304 MAC/IP
2:192.168.100.1:1::5010::2c:6b:f5:4b:b9:f0::10.1.1.101/304 MAC/IP
2:192.168.100.1:1::5020::00:00:5e:00:01:01::10.1.2.254/304 MAC/IP
2:192.168.100.1:1::5020::2c:6b:f5:4b:b9:f0::10.1.2.101/304 MAC/IP
2:192.168.100.2:1::5010::00:00:5e:00:01:01::10.1.1.254/304 MAC/IP
2:192.168.100.2:1::5010::2c:6b:f5:7b:d8:f0::10.1.1.102/304 MAC/IP
2:192.168.100.2:1::5020::00:00:5e:00:01:01::10.1.2.254/304 MAC/IP
2:192.168.100.2:1::5020::2c:6b:f5:7b:d8:f0::10.1.2.102/304 MAC/IP
2:192.168.100.11:1::5010::00:0c:29:23:2c:1b::10.1.1.1/304 MAC/IP
2:192.168.100.13:1::5020::00:0c:29:93:24:6b::10.1.2.3/304 MAC/IP
```

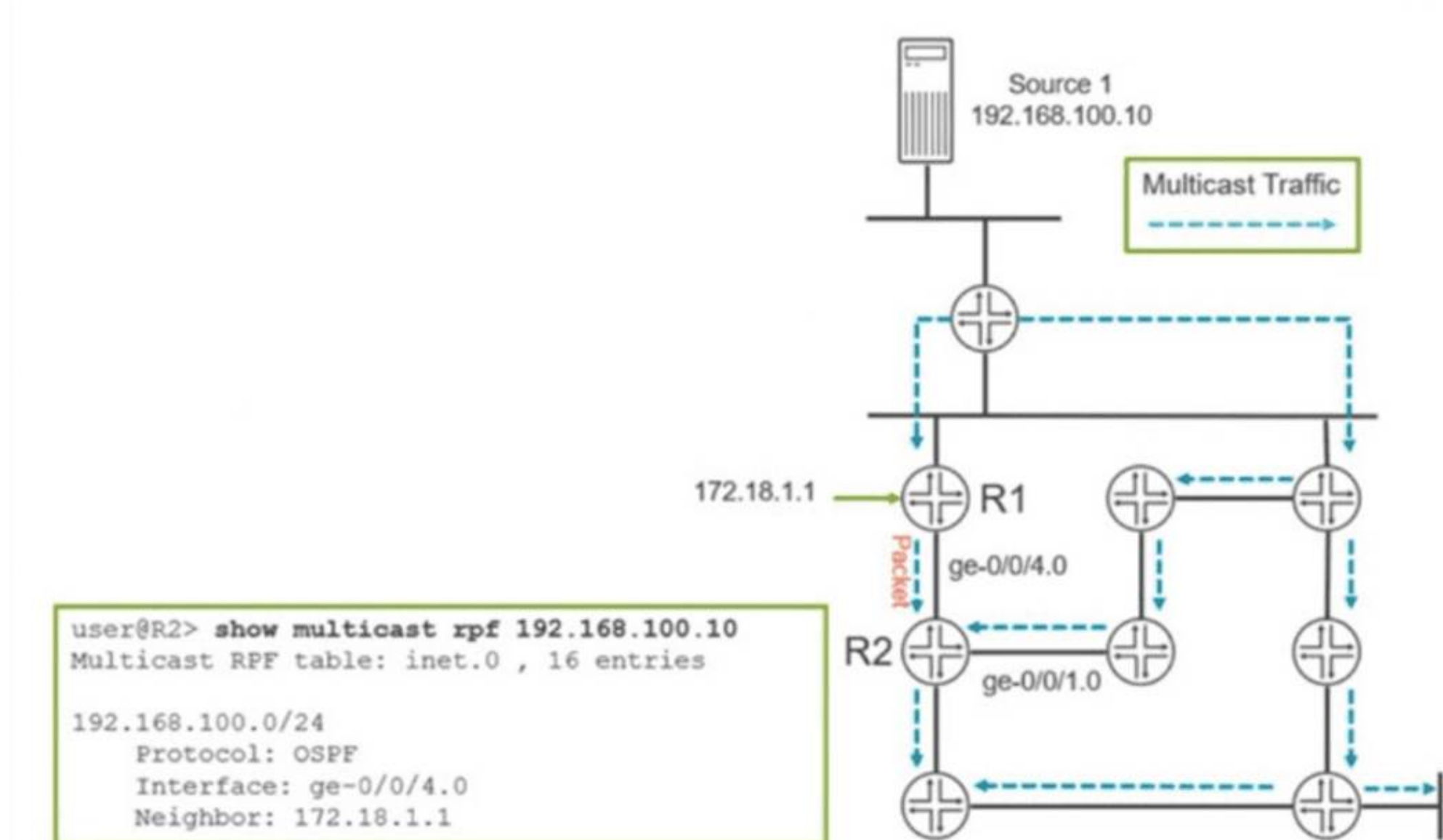
Referring to the exhibit output, which statement is correct?

- A. The device with an IP address of 192.168.100.2 is attached to VNI 5010
- B. The output shows the router ID of the device sending the EVPN Type 2 routes
- C. The output shows the route distinguisher of the device sending the EVPN Type 2 routes
- D. IP addresses 10.1.1.1 and 10.1.2.3 are connected to the same VNI.

Answer: C

NEW QUESTION 47

Exhibit



Referring to the exhibit. R2 receives a packet from the multicast source on its ge-0/0/4.0 interface. Which two statements are correct in this scenario? (Choose two.)

- A. R2 verifies the existing unicast routing table and determines that this interface is not on the reverse path back to the source
- B. All interfaces other than ge-0/0/4.0 will be on the outgoing interface list.
- C. The packet is discarded
- D. R2 determines that the packet is coming in on an interface that is on the reverse path back to the source.

Answer: AC

NEW QUESTION 52

Exhibit

```
master:0}[edit protocols mstp]
user@switch1# show
configuration-name main;
revision-level 1;
interface ge-0/0/2;
interface ge-0/0/3;
interface ge-0/0/4;
interface ge-0/0/5;
msti 1 {
    bridge-priority 8k;
    vlan 1-5;
}
msti 2 {
    bridge-priority 4k;
    vlan 6-10;
}
{master:0}[edit protocols mstp]
user@switch2# show
configuration-name main;
revision-level 1;
interface ge-0/0/2;
interface ge-0/0/3;
interface ge-0/0/4;
interface ge-0/0/5;
msti 1 {
    bridge-priority 4k;
    vlan 1-5;
}
msti 2 {
    bridge-priority 8k;
    vlan 6-10;
}
```

You are asked to configure VLAN load balancing on your network using MSTP. Referring to the exhibit, which two statements are correct? (Choose two.)

- A. Switch1 will be the root bridge for msti 1.
- B. Switch1 will be the root bridge for msti 2.
- C. Switch 1 will not assume the role of root bridge for both msti1 and msti2 if Switch2 goes down.
- D. Switch1 will assume the role of root bridge for both msti1 and msti2 if Switch2 goes down.

Answer: BD

NEW QUESTION 57

Exhibit.

```
[edit]
user@RouteReflector# show protocols
bgp {
    group int-group {
        type internal;
        local-address 172.16.10.1;
        export NHS;
        cluster 172.16.10.1;
        neighbor 172.16.10.3;
        neighbor 172.16.10.2;
    }
}
[edit]
user@RouteReflector# show policy-options
policy-statement NHS {
    term 10 {
        from protocol bgp;
        then {
            next-hop self;
        }
    }
}
```

You have determined that traffic in your network is being routed through your route reflector instead of using the optimal path. Referring to the exhibit, what are two configuration changes on the route reflector that would solve the problem? (Choose two.)

- A. set policy-options policy-statement NHS term 10 from route-type external
- B. set protocols bgp group int-group import NHS
- C. delete protocols bgp group int-group export NHS
- D. set policy-options policy-statement NHS term 10 from route-type internal

Answer: CD

NEW QUESTION 62

Exhibit

```
user@R1> show route protocol bgp
inet.0: 7 destinations, 11 routes (7 active, 0 holddown, 2 hidden)
+ = Active Route, - = Last Active, * = Both
172.16.10.1/32 *[BGP/170] 00:29:40, localpref 100
    AS path: 200 I
    > to 192.168.10.1 via ge-1/0/0.2
    to 192.168.20.1 via ge-1/0/1.3
    [BGP/170] 00:29:36, localpref 100
    AS path: 200 I
    > to 192.168.20.1 via ge-1/0/1.3
```

Referring to the exhibit, which two statements are correct? (Choose two.)

- A. The BGP configuration is for IBGP
- B. The BGP configuration includes the multipath parameter.
- C. This route has two next hops available.
- D. This route has a hidden next hop.

Answer: BC

NEW QUESTION 64

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